

IRONBARK

TOP SECRET

Copy 4
58 Pages

1 November 1962

25X1
25X1

CHRONOLOGY OF EVENTS

AT

CUBAN OFFENSIVE WEAPON SITES

21-30 OCTOBER 1962

NPIC FILE COPY

25X1

TOP SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

25X1

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

SITE 1, SAN CRISTOBAL AREA [REDACTED]

25X1

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 1 This site contains four launchers which have been placed in their operational positions. Fourteen oxidizer and 8 fuel vehicles have been identified. Six missile-ready buildings have been erected. At least seven missile transporters are present. The latest coverage available [REDACTED] tends to confirm that it has full operational capability.

25X1

25X1

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: [REDACTED]

25X1

Photography of [REDACTED] indicated that one of the four launchers had its protective covering removed and propellant trucks were in position near the launcher. On [REDACTED] the propellant trucks had been removed and the protective covering had been replaced, which suggests that the battery has exercised its equipment and is now in full operational readiness.

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(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: [REDACTED]

25X1

The latest photographic coverage of this site reveals that four missile erectors are canvas covered and remain in their respective launch positions. The number of permanent buildings has increased from nine to twelve with two additional buildings under construction. The arched-roof building, previously reported as under construction, appears complete. This site now has a full operational capability.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 1, SAN CRISTOBAL AREA
(CONT'D) [REDACTED]

25X1

(Extract from Supp. 5 2200 Hours, 24 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: Low-level [REDACTED]

25X1

Low-level photography confirms that all four launch stands and erectors are in position. Five canvas-covered missile transporters and seven drive-through, missile-ready tents are observable. A truck is visible half-way out of one end of one of these tents, suggesting the possibility of an additional missile transporter. Five camouflaged, van-type vehicles on wooden hard-stands are positioned to the side of each launch position. Probable theodolite stations are present, with at least one being used. A POL storage area contains four large tanks and a large number of drums similar to 55-gal drums. Sixteen oxidizer trailers and eight fuel trailers are grouped together in one area. Twelve tracked prime movers and four trucks with special van-type bodies are also noted in this same area. This site now has a full operational capability.

(Extract from Supp. 6 0200 Hours, 26 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site has a full operational capability at this time.

b. Supporting Evidence

Photography confirms that all four launch stands and erectors are placed at the prepared launch positions and cabling has been laid from the launch stands to camouflaged control centers in the woods. Four probable theodolite stations have also been identified in the launch areas. Of the eight previously identified missile transporters, only four (without nose-cones) are now visible. The four missing missile transporters are probably in the ready tents. All of the propellant trailers are present.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 1, SAN CRISTOBAL AREA
(CONT'D)

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962 (cont'd))

c. Significant Trends Since Last Report

Four missiles in open storage have not been checked out or mated with their nosecones. The status of the four which have probably been moved into the missile ready tents cannot be determined; however, cabling can be seen running from the missile-ready tent into the woods where power generators are probably located. This strongly suggests that the missile is either being checked out or is being held in readiness.

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

Analysis confirms that all four launch stands and erectors are placed at prepared launch positions and cabling has been laid. Four probable theodolite stations have been identified in the launch areas. Of the eight previously identified missile transporters, only four are now visible. One of these has been moved to a new position near a missile-ready tent. A cable extends from at least one of the missile-ready tents to probable generators in the woods. Construction of the security fence is essentially complete.

c. Significant Trends

Construction and continued site preparation is very evident. Covering or camouflage netting is being placed over most missile-associated equipment in the area.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 1, SAN CRISTOBAL AREA
(CONT'D)

25X1
25X1

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

All four launch stands and erectors are placed at prepared launch positions and cabling has been laid. Some construction effort has been shifted to the housing area.

c. Significant Trends

Construction of more permanent accommodations for personnel continues and further action to cover and camouflage equipment is evident. Since [REDACTED], considerable movement of missile-associated equipment has been noted: (1) two missile trailers have moved to new locations, probably more for concealment than for nearness to erectors; (2) all of the fuel trailers and at least 10 of the oxidizer trailers have moved from their original location; (3) one fuel trailer is now parked in a wooded area near an erector; (4) two oxidizer trailers are still in the original parking area; (5) four additional oxidizer trailers may still be camouflaged; (6) the fuel trailers are probably under camouflage tarps at the edge of a wooded area; and (7) two vans have been moved from one of the groups of five which were near one erector. In addition, personnel trenches are being prepared within the operational area, along the northeastern edge of the site, and within the tent area. Foxholes have also been dug inside the security fence on the eastern boundary of the site. In addition, an automatic weapons position has been constructed at this site (See Figure 5).

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TOP SECRET [REDACTED]

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IRONBARK

SITE 1, SAN CRISTOBAL AREA
(CONT'D)

25X1

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

All four launch stands and erectors are placed at prepared launch positions and cabling has been laid. Eight missile-transporters have been identified at this site in one mission. On [REDACTED] four missile-transporters and seven missile-ready tents were visible. One missile-transporter has been moved alongside an erector.

25X1

c. Significant Trends

Defensive measures are now being taken. One 6-gun 57 mm AAA position with WHIFF radar and rangefinder is now located outside the site approximately 0.3 nm east of site entrance. (See Figure 5.) One twin-30 mm AAA position (4 guns visible) is located in an open field just south of the site. Two canvas-covered AAA guns are being towed in the tent area. Trenches are being dug throughout the site area, and unidentified objects can be seen outside the perimeter fence on the eastern edge of the site. These may be related to the defense of the site. Camouflage has increased and site improvement and fitting out continues. Two missile-transporter hardstands are being improved. A microwave tower near the northeast corner of the site has been identified. Buildings in the support area are essentially complete. At least 22 cylindrical tanks are now present in the area previously reported as a probable POL depot.

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TOP SECRET [REDACTED]

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IRONBARK

SITE 1, SAN CRISTOBAL AREA
(CONT'D)

25X1

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on Site 1.

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

Site 1 (22-40-05N 83-17-50W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

The site has a full operational capability.

b. Supporting Evidence

Only two of the four launch positions are visible on the latest photography. At both of these positions, the erectors have been removed. Quality of photography precludes determination of the continued presence of launch stands. There is no evidence that any cabling has been removed. Four missile-ready tents, and portions of three additional missile-ready tents, are visible. Three canvas-covered missile transporters are visible. They have not been moved from positions previously reported.

c. Significant Trends

There is some evidence of continued construction. Briefly summarized, the activity includes:

- (1) Framing has progressed on a fairly large, rectangular building in the southwest corner of the site, where personnel accommodations are located. The uprights were visible on [REDACTED] This building could be a mess hall.
- (2) Scaffolding is now present at the east entrance to the arched-roof building, possibly in preparation for con-

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TOP SECRET [REDACTED]

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IRONBARK

SITE 1, SAN CRISTOBAL AREA
(CONT'D) [REDACTED]

25X1

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962 (cont'd))

struction of a retaining wall. Scaffolding was noted at the opposite entrance on [REDACTED] A group of 10 men is at the building. Some are at the entrance and others on the arched-roof. (See Figure 6.)

25X1

- (3) A large frame structure in the woods just north of tent area, which was not roofed on photography of [REDACTED] is now roofed.

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In the support area, nine of approximately twenty-five large tents, and eight of approximately twenty smaller tents, are no longer in evidence. This suggests that personnel have been moved into barracks or that construction workers have left the site.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 2, SAN CRISTOBAL AREA

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 2 There are 6 missile transporters and 5 launchers visible in this site on [REDACTED]. The launchers have not been placed in operational positions but preparation of these positions has been started. There are two missile-ready buildings. Nine oxidizer and 5 fuel trucks have been identified. Improvements noted on [REDACTED] coverage cause us to revise the estimated date of full operational capability to [REDACTED]. An emergency capability was probably reached on [REDACTED].

(Extract from Supp. 3, 2200 Hours 22 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: [REDACTED]

From analysis of [REDACTED] photography, this site had only an emergency operational capability inasmuch as the three previously identified erectors had not been moved to the launch positions. Fifteen propellant trucks were still in the area. One of the 6 missile transporters previously observed had been moved--possibly into one of the two missile-ready buildings. The vehicle count remained about 50, the same as observed on [REDACTED].

[REDACTED] It is still estimated that this site achieved full operational capability on [REDACTED].

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: [REDACTED]

This site had apparently not reached full operational capability on [REDACTED] as previously estimated. Only one of the four identified erectors is in position on the latest photography. None was in position on photography [REDACTED].

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TOP SECRET [REDACTED]

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IRONBARK

SITE 2, SAN CRISTOBAL AREA
(CONT'D)

25X1

(Extract from Supp. 4, 0100 Hours 24 Oct. 1962 (cont'd))

of [REDACTED] The presence of missiles, transporters, erectors, propellant trucks, and other equipment indicates an emergency operational capability exists at this time and that the site will probably achieve full operational capability on [REDACTED]

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(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: Low-level [REDACTED]

25X1

Four launch pads can be identified, but only one erector is in position. At the launch pad where the erector is in position, the cabling has been laid. Three probable theodolite stations are located about 50 to 60 feet from the launch pads. Only two missile-ready tents and three missile transporters are visible. Sixteen oxidizer trailers and one fuel trailer are visible in the area, and four vans and four generators are positioned near one launch pad. This site is estimated to have an emergency capability at this time and will probably have a full operational capability on [REDACTED]

25X1

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site which was previously estimated to have a full operational capability on [REDACTED] will not achieve this capability until [REDACTED] Heavy rains (mud and standing water can be observed) probably has delayed construction.

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TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 2, SAN CRISTOBAL AREA
(CONT'D) [REDACTED]

25X1

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962 (cont'd))

b. Supporting Evidence

All four launch positions have been prepared and erectors and launch stands are emplaced at two of them. These two launch positions were under construction on [REDACTED]. No erectors or launch stands are visible at the other two launch positions which were completed on [REDACTED]. No cabling or theodolite stations can be observed at the launch positions. A total of three missile-ready tents have now been erected.

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c. Significant Trends Since Last Report

Preparation of all launch pads has been completed. Three missile-ready tents are now visible and only three of the five missile transporters can be observed. Cabling from two missile-ready tents into the woods, probably to generators, is an indication that two missiles are being checked out.

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site now has a full operational capability.

b. Supporting Evidence

All four erectors and launch stands are covered and are emplaced on prepared launch positions. All four hardstands for the missile transporter and for probable theodolite stations are under construction. Cabling is laid from three launch stands to probable control vans and generators. Darkness

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 2, SAN CRISTOBAL AREA
(CONT'D) [REDACTED]

25X1

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(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962 (cont'd))

of photography precludes observation of cabling at the fourth launch position. Four missile-ready tents are complete and one is under construction. Cabling extends from two missile-ready tents to probable generators in the woods. Five fuel and 16 oxidizer trailers are located near one launch position. At one position a "cherry picker" is identified in the immediate launch area. No apparent effort has been made to camouflage equipment but canvas, which has been in place for some time, conceals small items.

c. Significant Trends

A more detailed analysis of photography shows that all launch positions are in an advanced state of preparation and that construction and missile preparation is continuing at a rapid rate.

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

All four erectors and launch stands are covered and are emplaced on prepared launch positions. Cabling is laid to the probable control vans and generators. Four of the original six missile transporters can be observed; the remainder are probably undergoing checkout in the missile-ready tents.

c. Significant Trend

A second perimeter security fence is now under construction, and foxholes have been dug inside the inner fence on the south and west boundary

-11-

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 2, SAN CRISTOBAL AREA
(CONT'D)

25X1

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962 (cont'd))

of the site. A missile-ready tent previously listed as under construction has been erected. Partial coverage precludes a complete analysis of activity at this site.

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

An erector and launch stand are at each launch position. Cables extend from three of the erector/launch stands to control centers. There is an oxidizer truck near one launch position. Five missile-ready tents have been erected. Three and possibly four missile trailers are visible; one of these has been moved to the vicinity of a missile-ready tent.

c. Significant Trends

Considerable effort is now being made to establish an effective defense for the site and to camouflage structures and equipment. Defensive measures include the following:

- (1) One 6-gun 57mm AAA position is being prepared and camouflaged on the south side of the site. A radar and a probable rangefinder are present.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 2, SAN CRISTOBAL AREA

(CONT'D)

25X1

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962 (cont'd))

- (2) One 6-gun 30mm AAA position is being prepared and camouflaged approximately one-half mile west-southwest of the site. (See Figure 6.)
- (3) Five vehicle revetments are being constructed on the south edge of the site.
- (4) The perimeter of the site is now defended by automatic weapon positions. Trenches are present in the tent and operational areas.

Almost all equipment in the site is being camouflaged, including five probable armored personnel carriers. Tents are also being camouflaged. While all launch stands and erectors are in position, only three appear to be connected to control centers. At the fourth launch position, cable extends from the control center to the "junction box". There is no cable from the junction box to the erector/launch stand.

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on Site 2.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

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IRONBARK

SITE 2, SAN CRISTOBAL AREA
(CONF'D) [REDACTED]

25X1

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

Site 2 (22-41-00N 83-15-00W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

Three of the four launch positions are visible on the latest photography. The erectors previously located at these positions have been moved. The fourth launch position can be identified but poor quality photography precludes detailed interpretation. Of the three launch positions observed, two launch stands, and probably a third, are still in place. Cabling from the launch stand to the junction and to the control center is visible at two launch positions; at the third, cabling connects only the junction and control center. Three missile transporters, plus one probable missile transporter, are visible and have not been moved from previously reported positions. Five missile-ready tents are still visible.

c. Significant Trends

Nine to ten large tents, about 50 percent of total tentage, are no longer present. This again suggests that personnel have moved to more permanent quarters or that construction personnel have departed from the area.

Some improvement of the site has taken place. The POL dump is now being fenced. Three large, horizontal tanks have been added to the previously reported tanks. The five vehicle revetments previously reported are now camouflaged, as are two tents in the same area. Hardstands were being constructed on [REDACTED] at the entrances of two missile-ready tents. On [REDACTED] photographic evidence indicates that the sides of these tents have been rolled up and a complete foundation was observed.

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The twin - 30mm AAA position is still present; the 57mm AAA position was not covered by the latest photography.

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

IRONBARK

SITE 3, SAN CRISTOBAL AREA [REDACTED]

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 3 (Figure 5) There are two possible missile transporters and two erectors at this site. The erectors appear to be in their operational position. There are two confirmed and two possible ready buildings. Latest photography reveals continued construction on the arched-roof building. Nineteen permanent buildings, one of which is still under construction, were observed on photography of [REDACTED]. There are approximately 46 miscellaneous vehicles in the immediate area of the site. No security fencing is evident in photography. We estimate that this site had an emergency operational capability on [REDACTED] and that it will reach full operational readiness on [REDACTED].

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: [REDACTED]

Two of the four launchers had not been placed in their prepared positions. A missile-ready building serves each of the four launchers. Two previously identified missile transporters were not present in photography of [REDACTED] and no propellant vehicles were visible. It is possible that heavy natural concealment prevents their identification. Because of the size of this installation and the number of permanent buildings located in the adjoining area, it is believed that the regimental headquarters is co-located with the battalion occupying Site 3.

This site is considered to have an emergency capability at this time and will probably achieve full operational capability on [REDACTED].

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

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IRONBARK

SITE 3, SAN CRISTOBAL AREA
(CONT'D)

25X1

Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: [REDACTED]

25X1

Three of the four identified erectors are in launch positions. A missile-ready building serves each of the four prepared launch positions. One probable missile transporter and six propellant trucks were observed. Heavy natural concealment may prevent the identification of additional missile associated equipment in the area. Because of the size of this installation and the position of the permanent buildings located in the adjoining area, it is believed that the regimental headquarters is co-located with the battalion occupying Site 3. This site is considered to have an emergency capability at this time and will probably achieve full operational capability on [REDACTED]

25X1

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: Low-level [REDACTED]

25X1

No significant changes are apparent at this site. Larger scale photography does, however, permit a more detailed analysis of existing facilities. All four launch pads are well prepared and are apparently leveled. From each pad, a cable has been layed to a three-sided structure and from there into a wooded area to what may be a control van. At another launcher, the cable appears to run from the control van to two possible generators. All cabling appears to be bundled and is suspended above ground by short stakes. At three of the pads, a possible theodolite is located under a roofed shelter, about 60 to 70 feet from the pad. Three of the four erectors are in position. All four erectors are canvas covered. The four missile-ready

TOP SECRET [REDACTED]

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TOP SECRET [REDACTED]

IRONBARK

SITE 3, SAN CRISTOBAL AREA
(CONT'D)

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(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962 (cont'd))

tents remain unchanged. Only one possible missile transporter can be observed in the area. The six propellant trucks referred to in the last report have now been identified as truck-mounted vans. This site is considered to have an emergency capability at this time and will probably achieve full operational capability on [REDACTED]

25X1

(Extract from Supp. 6, 0200 Hours 26 Oct 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site is considered to have a full operational capability.

b. Supporting Evidence

All four erectors and launch stands appear to be in place at the prepared launch positions. Cabling has been laid and four probable theodolite stations have been identified about 60 to 70 feet from the pads. Only four missile-ready tents have been erected. Construction activity is still continuing in the probable regimental support area adjacent to the launch site. Only four of the eight permanent barracks-type buildings have been completed. Personnel are still quartered in tents.

c. Significant Trends Since Last Report

No propellant trailers have arrived at this site, and only one possible missile transporter has been observed. Although this site has a full operational capability, missiles and propellants would have to be brought in from another location.

TOP SECRET [REDACTED]

25X1

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TOP SECRET

IRONBARK

SITE 3, SAN CRISTOBAL AREA
(CONT'D)

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: Low-level

a. Readiness Status

This site is considered to have a full operational capability.

b. Supporting Evidence

No change since last report. As of all four erectors and launch stands appeared to be in place at the prepared launch positions. Cabling was in position. Only four missile-ready tents had been erected. Construction activity was still continuing in the probable regimental support area adjacent to the launch site. Only four of the eight permanent barracks-type buildings were completed. Personnel were still quartered in tents. Four probable theodolite stations have been identified about 60 to 70 feet from the pads.

c. Significant Trends

No propellant trailers had arrived at this site, and only one possible missile transporter had been observed. Although this site is estimated to have a full operational capability, missiles and propellants would have to be brought in from another location.

(Extract from Supp. 8, 0200 Hours 28 Oct 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: Low-level

a. Readiness Status

This site is believed to have reached full operational capability. The readiness posture, however, may have been adversely affected by recent heavy rains.

TOP SECRET

TOP SECRET [REDACTED]

25X1

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IRONBARK

SITE 3, SAN CRISTOBAL AREA [REDACTED]

(Extract from Supp. 8, 0200 Hours 28 Oct 62 (cont'd))

b. Supporting Evidence

Only three of the four launch areas are covered by good photography. One camouflaged missile transporter is located in a field adjacent to a launch position. This missile unit has had trouble with the ground conditions following heavy rains. Gravelled roadways are being constructed from two of the launch positions to at least two, and probably three, of the missile-ready tents. At least one of the two cables has been disconnected while the construction is being carried out, but the erectors and launch stands have not been moved. A total of five missile-ready tents have been observed at the launch site. Construction is continuing in the support area; six barracks buildings are complete.

c. Significant Trends

Heavy rains and mud conditions have caused some change in scheduled site improvements. Vehicle and personnel activity indicate continued efforts to improve the readiness posture of the site.

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

All four missile erectors and launch stands are in place at prepared launch positions. While only two missile-transporters have been observed at this site, additional transporters could be present since the use of natural concealment has made it extremely difficult to identify all of the equipment in wooded areas.

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 3, SAN CRISTOBAL AREA

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962 (cont'd))

c. Significant Trends

A lattice microwave tower has been identified for the first time at the probable regimental support area. It is apparently self-supporting and has two antenna dishes facing in opposite directions. Several new trenches have been dug throughout the area in the past 24 hours and a six position AAA battery has been identified east of the support area. It is occupied and operational.

Construction activity in the launch site and support area is continuing. Many trucks are observed moving construction materials. The arched roof building, probably a warhead bunker, is still under construction. The work on seven barracks buildings has been completed. The eighth building is still being erected. Extensive use of camouflage and canvas cover, especially in the immediate area of the launch positions, is evident in the latest low-level photography.

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on Site 3.

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

Site 3 (22-42-40N 83-08-25W)

Last coverage: Low-level [REDACTED]

a. Readiness Status

The site has a full operational capability.

-20-

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 3, SAN CRISTOBAL AREA

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962 (cont'd))

b. Supporting Evidence

Three of the four launch positions are visible. Since [REDACTED] the erectors have been moved from these positions. The launch stands and cabling are in place.

c. Significant Trends

Some shift of equipment appears to have taken place. The heavily camouflaged missile transporter observed on [REDACTED] has been moved. Two probable oxidizer trailers are parked on the north side of the launch site. Netting or canvas has been placed over most of the prepared surfaces between the ready tents and launch positions.

The last of the eight barracks-type buildings in the support area has been roofed since [REDACTED]. A roller and grader are working on a hard surface in front of these buildings. Construction activity is evident at the 7 previously observed excavations near the AAA site. Foundations are being prepared and an eighth excavation has been started. Dump trucks loaded with gravel are noted in the area. Additional construction since [REDACTED] is noted at the arched-roof building, now near completion. Scaffolding is present at the front of the structure.

Approximately the same number of tents remain in the area. A radar van and another piece of associated equipment is located near the AAA site.

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

25X1

IRONBARK

SITE 4, SAN CRISTOBAL AREA

25X1

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 4 (Figure 6) In photography of [REDACTED] seven canvas covered missile transporters were observed at this site. There are two, and possibly four, erectors, none of which appear to be in position as yet. Approximately 100 miscellaneous vehicles and 26 tents have been noted. No arched-roof buildings or permanent buildings are identifiable in the photography. We estimate this site will have an emergency operational capability on [REDACTED] and will reach full operational readiness on [REDACTED]

25X1

25X1

(Extract from Supp. 3, 2200 Hours, 22 Oct 1962)

Site 4 (24-46-55N 82-58-50W)

Last coverage: [REDACTED]

25X1

Photography of [REDACTED] showed no appreciable change at this site. Seven canvas covered missile transporters were still observable. Two of the four erectors did not appear to be in position. Approximately 100 miscellaneous vehicles and 26 tents have been counted. No arched-roof or permanent buildings are identifiable in the photography. We estimate this site will have an emergency operational capability on [REDACTED] and will reach full operational readiness on [REDACTED]

25X1

25X1

25X1

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 4 (24-46-55N 82-58-50W)

Last coverage: [REDACTED]

25X1

The four launch positions at this site can now be identified, but no erectors are in position. Seven missile transporters, one uncovered erector (plus 3 probable canvas covered erectors) and seven propellant trucks were

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

25X1

SITE 4 SAN CRISTOBAL AREA
(CONT'D)

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962 (cont'd))

observed. The number of tents has increased from 26 to 44. We estimate this site achieved an emergency operational capability on [REDACTED] and [REDACTED] will achieve full operational capability on [REDACTED]

25X1

25X1

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 4 (22-46-55N 82-58-50W)

Last coverage: [REDACTED]

Not 25X1

covered in low-level photography.

The four launch positions at this site can now be identified, but no erectors are in position. Seven missile transporters, one uncovered erector (plus 3 probable canvas-covered erectors) and seven propellant trucks were observed. The number of tents has increased from 26 to 44. We estimate this site achieved an emergency operational capability on [REDACTED] and [REDACTED] will achieve full operational capability on [REDACTED]

25X1

25X1

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

Site 4 (22-46-55N 82-58-50W)

Last coverage: [REDACTED]

25X1

a. Readiness Status

This site will probably achieve full operational capability on [REDACTED]

25X1

b. Supporting Evidence

There has been no new photographic evidence since [REDACTED] However, available evidence and comparison with other sites in this area tend

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET

IRONBARK

SITE 4, SAN CRISTOBAL AREA

(Extract from Supp. 7, 0200 Hours, 27 Oct 1962)

6. Site 4 (22-46-55N 82-58-50W)

Last coverage:

a. Readiness Status

This site will probably achieve full operational capability on

b. Supporting Evidence

No change since last report. However, available evidence at the other sites in this area tend to support the readiness estimate.

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 4 (22-46-55N 82-58-50W)

Last coverage: Low-level

a. Readiness Status

This site will probably achieve full operational capability on 28 October.

b. Supporting Evidence

Oblique photography makes identification of specific equipment extremely difficult. The seven missile transporters seen on have been moved and cannot be detected. At least two erectors are in position but the cabling cannot be seen. The other two erectors cannot be detected. There are three probable oxidizer trailers in one launch area. Many items of equipment could be in the area and not observed. Construction activity is still continuing in the launch and support areas. Five missile-ready tents can be detected. In the support areas, at least two new foundations for buildings have been completed. There are at least six large fuel (POL) tanks in the support area and five silver-colored chemical tanks with hatches.

TOP SECRET

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

[REDACTED] 25X1

SITE 4, SAN CRISTOBAL AREA
(CONT'D)

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

c. Significant Trends

A full complement of equipment has not been detected but the construction activity in the launch area is probably complete or nearly so. Although the oblique photography precludes a detailed analysis, the evidence supports the readiness date estimated above.

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 4 (22-46-55N 82-58-50W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site now has a full operational capability.

b. Supporting Evidence

All four erectors and launch stands were either in or near the launch positions on [REDACTED]

25X1

c. Significant Trends

No trenches or AAA sites have been identified at this site. Oblique photography makes identification of specific equipment extremely difficult. For example, of the five previously identified missile-ready tents, only one can be observed in the latest low-level photography.

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

IRONBARK [REDACTED]

25X1

25X1

SITE 4, SAN CRISTOBAL AREA

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on Site 4.

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

4. Site 4 (22-46-55N 82-58-50W) (See Figure 5.)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

This is the first coverage of Site 4 since [REDACTED]

25X1

At two of the launch positions, the erectors remain in positions as observed on Friday. At one launch point, an uncovered erector is visible but it has been pulled back from the launch stand. This erector was not visible on [REDACTED]

25X1

The fourth erector remains in the same position as was observed on Friday. Within a four day period, additional aggregate was added to the front of this launch stand and also to the road leading to the missile ready tent. There are now six missile-ready tents, one having been erected between the [REDACTED]

25X1

One of the missile transporters observed on [REDACTED] has been moved. In the area where fuel trailers were visible on Friday, there are two separate groups of canvas-covered vehicles. These cannot be identified because of canvas screening. Construction activity continues in the support area on four new building foundations. Dump trucks with aggregate are observed approaching the area.

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

25X1

IRONBARK

SITE 4, SAN CRISTOBAL AREA
(CONT'D)

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

c. Significant Trends

Between Friday, [REDACTED] considerable construction and site improvement was accomplished. There is no evidence to indicate that this site was being deactivated when observed on the [REDACTED] Conversely, further improvement was underway and the site remained operational. At least one launch position was being hard-surfaced.

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET

25X1

25X1

IRONBARK

SITE 1, SAGUA LA GRANDE

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 1 There are six missile transporters and four launcher-erectors, three of which are in position. Only eight tank trucks have been identified; however, there are over 100 other vehicles in the area. Three missile shelters have been erected and an arched-roof building, possibly for nuclear storage, is under construction. Further evaluation of the progress in bringing the observed equipment to full operational status, as correlated with results achieved in other sites, indicates this site should achieve a full operational capability by []

25X1

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: []

25X1

No new evidence on this complex has been acquired since the last report. There are six missile transporters and four launcher-erectors, three of which are in position. Only eight propellant trucks have been identified; however, there are over 100 other vehicles in the area. Three missile shelters have been erected and an arched-roof building, possibly for nuclear storage, is under construction. Further evaluation of the progress in bringing the observed equipment to full operational status, as correlated with results achieved in other sites, indicates this site achieved a full operational capability by []

25X1

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: []

25X1

This site had apparently not reached full operational capability on []

25X1

[] Four launch positions have been located, but only two erectors (possibly three) are identified and in position. One launch position definitely

25X1

-28-

TOP SECRET

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 1, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962 (cont'd))

does not have an erector in position. One possible arched-roof building is under construction. The presence of five missile transporters, two erectors (possibly three), propellant trucks and other equipment indicates an emergency operational capability exists at this time. The site will probably achieve full operational capability on [REDACTED] instead of [REDACTED] as previously estimated.

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: Low-level [REDACTED]

Far-oblique photography precludes a detailed analysis of this site. Only two erectors can be identified on launch pads; however, a third possible erector is in the vicinity of another pad. The fourth launch pad was not clearly observed. A possible theodolite shelter was identified in the vicinity of one launch pad. Sixteen oxidizer trailers, eight fuel trailers, seven missile transporters, and three possible erectors are located in the support area. The arched-roof building is under construction. In addition, a large amount of construction material is scattered throughout the support area. There is no change in the estimate that this site will probably achieve full operational capability on [REDACTED]

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: Low-level [REDACTED]

a. Readiness Status

This site is considered to have a full operational capability.

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

25X1

25X1
25X1

IRONBARK

SITE 1, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962(cont'd))

b. Supporting Evidence

Only one launch position was covered by this mission, but it appeared to be complete with erector, launch stand and installed cabling. Fifteen oxidizer and eight fuel trailers are in the propellant storage area.

c. Significant Trends Since Last Report

Construction activity is continuing.

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site is considered to have a full operational status.

b. Supporting Evidence

Previous coverage indicated completion of most launch facilities. Photography of [REDACTED] covers only one launch position which appears to be complete with erector, launch stand and installed cabling. A full complement of 8 fuel and 16 oxidizer trailers is present.

25X1

c. Significant Trends

Construction activity and improvements appear to be continuing at this site.

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1
25X1

IRONBARK [REDACTED]

SITE 1, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site is considered to have reached a full operational status. At least four of the missiles could now be at readiness condition 4; i.e., reaction time about 8 hours. Evidence can not support or deny a higher readiness status.

b. Supporting Evidence

Three, and probably four, of the erectors and launch stands are emplaced on the four prepared launch positions. Three canvas-covered missile transporters and four missile-ready buildings are in the area. Three additional ready-building foundations have been prepared. Fuel and oxidizer transporters have been redeployed from the central motor pool to well-camouflaged locations near the launch positions. Cabling has been installed from the launch position to the launch control vans. Wide use of camouflage nets, natural cover, and canvas has been made throughout the site area. All significant equipment has been covered with canvas or camouflaged.

c. Significant Trends

Work continues on the permanent quarters to the rear of the site area with roof construction progressing since the last coverage. Construc-

25X1

[REDACTED] The redeployment of the propellant transporters to the vicinity of the launch position, the heavy trackage in the launch areas, and the wide use of camouflage suggests a vigorous, disciplined effort to achieve the highest degree of operational readiness.

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 1, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: Low-level [REDACTED]

a. Readiness Status

This site is considered to have a full operational status.

b. Supporting Evidence

Only two of the launch positions were observed on the latest photo coverage. These remain canvas covered with none of their equipment visible. The three previously reported missile-ready tent foundations are in the process of being laid as evidenced by the presence of a cement mixer and truck with personnel engaged in spreading the concrete. Construction also continues [REDACTED] All significant launch equipment is canvas covered or camouflaged. Numerous personnel trenches and foxholes have been prepared.

c. Significant Trends

Poor quality photography and extensive use of camouflage preclude detailed interpretation of much of the activity in the site area; however, heavy trackage in two of the launch areas suggests continuing exercise of the missile system. Site improvement is definitely continuing. No AAA positions have been detected.

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on Site 1.

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 1, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

Site 1 (22-43-44N 80-01-40W)

Last coverage: Low-level [REDACTED]

a. Readiness Status

This site is considered to have a full operational capability.

b. Supporting Evidence

Two of the four launch positions were observed on poor quality, oblique photography. These positions were also observed on [REDACTED]

[REDACTED] An erector not apparent on [REDACTED] is now observed to the rear of one of the launch stands. A canvas-covered missile transporter is located on the road adjacent to this launch position. The other launch position has been covered with additional canvas screening since Saturday and all equipment is obscured. Fuel and oxidizer transporters, observed in the area on [REDACTED] have been moved and cannot be located on the latest photography. The cement work observed and reported in Supplement 9 is now complete at two of the three missile-ready tent foundations. The foundation for the third missile-ready tent was under active construction at the moment of photography on the [REDACTED]

c. Significant Trends

Evidence indicates that this site was not being deactivated when observed on the latest photography. The continuing construction activity on the missile-ready building foundation clearly indicates site improvement.

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1

25X1

25X1

SITE 2, SAGUA LA GRANDE

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 2 There are four missile transporters and four launcher-erectors, three of which are in position. Two groups of propellant tankers, sufficient to service the battalion, have been identified. Four missile shelters have been erected and three more are possibly being erected. One possible arched-roof building is observed. Further evaluation of the available equipment and the progress achieved at other MRBM sites indicates this site probably achieved a full operational capability by [REDACTED]

25X1

25X1

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

Site 2 (22-39-10N 79-51-55W)

Last coverage: [REDACTED]

25X1

There are four missile transporters and four launcher-erectors, three of which are in position. Two groups of propellant vehicles, sufficient to service the battalion, have been identified. Four missile shelters have been erected and three more are possibly being erected. One possible arched-roof building is observed. Further evaluation of the available equipment and the progress achieved at other MRBM sites indicates this site probably achieved a full operational capability by [REDACTED]

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1

25X1

25X1

SITE 2, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962 (cont'd))

Site 2 (22-39-10N 79-51-55W)

Last coverage: [REDACTED]

25X1

A few changes has been noted in the most recent photographic coverage of this site. There are four missile transporters, four erectors in launch positions (three of which are canvas covered) and five missile shelters. Two additional missile shelters are under construction. The previously reported two groups of propellant trucks, sixteen in one and eight in the other, are sufficient to service the battalion and to suggest that one fuel and two oxidizer trucks are required for each missile. This site probably achieved a full operational capability on [REDACTED]

25X1

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 2 (22-39-10N 79-51-55W) (Figure 7)

Last coverage: Low-level [REDACTED]

25X1

Low-level photography of excellent quality indicates that this site has the necessary personnel, equipment, and facilities to be fully operational. Only four missile transporters have been observed to date. There are sixteen oxidizer trailers and eight fuel trailers in the area, which is sufficient for eight missiles. Four canvas-covered erectors are in prepared positions and five 100 [REDACTED] missile-ready tents have been erected. This site probably achieved a full operational capability on [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1
25X1

IRONBARK

SITE 2, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

8. Site 2 (22-39-10N 79-51-55W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site is considered to have a full operational capability.

b. Supporting Evidence

Four canvas-covered erectors and launch stands are in place on prepared launch positions, with cabling in place. There are now three missile transporters and six missile-ready tents in the site area. Additional camouflage measures are being taken at one position to cover the entire launch area. A full complement of eight fuel and sixteen oxidizer trailers are present.

c. Significant Trends Since Last Report

It appears that increased activity and site preparation is taking place.

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 2 (22-39-10N 79-51-55W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

Four canvas-covered erectors and launch stands are emplaced on prepared launch positions with cabling in place. Three missile transporters and five missile-ready tents are now in the area. Two vans are parked

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

SITE 2, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962 (cont'd))

near a group of three missile-ready tents. Two large ducts lead from the vans to the tents. These ducts may be for heating, airconditioning or dehumidifying the tents. A full complement of eight fuel and sixteen oxidizer trailers are present.

c. Significant Trends

Tall poles which are being erected at one launch position are probably intended to support camouflage netting which will cover the entire launch position. Site preparation and improvement is definitely continuing.

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 2 (22-39-10N 79-51-55W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

Four canvas-covered erectors and launch stands are emplaced on prepared launch positions with cabling in place. Two missile transporters and six missile-ready tents are in the area. Heavy trackage in the vicinity of the erectors and oxidizer and fuel trailers indicates that the system has been exercised, possibly at night.

The large ducts leading from vans to one of the missile-ready tents observed [REDACTED] suggest environmental control within the tent. The purpose of the environmental control is unknown but may be provided for warhead checkout. Because warhead checkout and nosecone mating would be accomplished in the tent, a readiness condition 3 (reaction time of 2 1/2 - 5 hours) can be achieved without being detected in photography. A microwave relay tower, with two dish antennas oriented approximately 135°/315°, is located at the rear of the launch areas. The three communication vans associated with it are camouflaged.

25X1

-37-

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

IRONBARK

25X1
25X1

SITE 2, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962 (cont'd))

c. Significant Trends

Two of the launch positions have been camouflaged. The erectors and launch platforms are now completely obscured by a pole-supported, opaque canvas. The transporter positions are obscured by camouflage nets.

25X1

[REDACTED] Communications facilities for Command and Control are operational; the location and orientation suggest linkage with Sagua La Grande Site 1 and Remedios Site 1. Exercising of the missile system and site improvement are definitely continuing.

25X1

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

7. Site 2 (22-39-10N 79-51-55W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site has a full operational capability.

b. Supporting Evidence

Three of the erectors and launch stands are emplaced on three of the four prepared launch positions. One of the erectors has been moved from the launch position to an undetermined location; however, the control vans and the cable remain in position. One missile transporter and six missile-ready tents are in the site area. Most of the significant launch associated equipment has been canvas covered or camouflaged. Fuel and oxidizer transporters have not been deployed to the vicinity of the launchers, but are located in two groups between the two launch areas.

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 2, SAGUA LA GRANDE

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

c. Significant Trends

Two AAA positions of 5 to 6 guns each have been detected to the west and west-northwest of the two launch areas. Personnel trenches and foxholes are also evident. Construction and site improvement are definitely continuing.

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on Site 2.

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

Site 2 (22-39-10N 79-51-55W)

Last coverage: Low-level [REDACTED]

a. Readiness Status

This site is considered to have a full operational capability.

b. Supporting Evidence

Four of the launch positions were observed on the latest photographic coverage. Since [REDACTED] two erectors have been removed from their launch positions. One erector remains pulled back, as reported in Supplement 9. One launch position may have the erector in place; if it is, it is heavily screened by canvas. The launch stands remain at the four launch positions. In at least two of these, the cabling can be observed. Nine oxidizer trailers remain in the same position in which they were located on Saturday. Three of five fuel trailers observed previously have remained stationary. The area in which the remaining oxidizers and fuel trucks were last observed was not covered by the latest

-39-

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 2, SAGUA LA GRANDE
(CONT'D)

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962 (cont'd))

photography. Sixteen pre-cast concrete arches have been hauled to the probable nuclear weapons storage building site, have been offloaded, and have been partially camouflaged. (See Figure 7.) These were observed in transit on [REDACTED]

c. Significant Trends

No evidence exists that this site is being deactivated. Heavy camouflage is evident, and improvements in the canvas screens have been made. The fact that it was raining at the time of the latest coverage may account for the overall lack of personnel activity in the site area. The limited photographic evidence available does not permit determination of any site construction or improvement.

-40-

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

25X1

SITE 1, GUANAJAY AREA

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Guanajay Area (Figure 8)

11. Site 1 This site consists of four launch pads in a late stage of construction. Photography of [REDACTED] indicates that concrete launching pads are being constructed. The equipment cabling and control bunker appear complete. Propellant tanks, and one ready building are under construction. No missile equipment is at the site. A probable warhead storage building is nearing completion. We estimate an emergency operational capability by [REDACTED] and full operational readiness by [REDACTED]

25X1

25X1

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

11. Site 1 (22-57-00N 82-39-25W)

Last coverage: [REDACTED]

25X1

Photographic evidence indicates continued construction activity. This site consists of four launch pads in a late stage of construction. Photography of [REDACTED] indicated that concrete launching pads were being constructed. The equipment cabling and control bunkers appear complete. Propellant tank excavations and one ready building are under construction. Propellant tanks are near the excavations. No missile equipment is at the site. Construction of the probable warhead storage building is nearing completion. We estimate an emergency operational capability by [REDACTED] and full operational readiness by [REDACTED]

25X1

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK

SITE 1, GUANAJAY AREA

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

11. Site 1 (22-57-00N 82-39-25W)

Last coverage: [REDACTED]

Construction is continuing at a rapid pace at this IRBM launch site. The four concrete pads are in a late stage of construction and approach aprons have been graded. The equipment cabling and control bunkers appear complete. Two propellant tank excavations are observed with two storage tanks alongside. The large, arched-roof building in the probable nuclear storage area is now completely earth covered. Foundations for two missile-ready buildings along the long axis of two pads can be observed. No missiles, transporters, or erectors are at the site. We estimate an emergency operational capability by [REDACTED] and full operational capability by [REDACTED]. Preliminary examination of [REDACTED] confirms the above analysis, and will permit a detailed assessment of construction activity.

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

11. Site 1 (22-57-00N 82-39-25W) (Figure 8)

Last coverage: Low-level [REDACTED]

Low-level photography of this site reveals considerable construction progress at this site. The four concrete pads are in a late stage of construction and approach aprons have been graded. Surveying equipment and personnel were noted on two of the pads. An extension of the approach apron on the north side of the westernmost pad may be the position of a future missile-ready shelter. There are now four propellant storage tanks visible. The storage tanks measure [REDACTED]. Cable trenches between the pads and the control building appear complete. Fourteen cable reels are observed in the vicinity of each pair of pads. The control building appears to be a tropical-type structure made of prefabricated masonry with concrete pillars and rafters. An irregular pattern on the roof surface may be a poor

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

SITE 1, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962 (cont'd))

attempt at camouflage. The large, arched-roof building [REDACTED] is earth covered and scaffolding is present over one entrance. An open storage area contains many pre-formed concrete slabs of various sizes. No missiles, transporters, or erectors are observable in the site area. It is estimated that this site will have an emergency operational capability by 15 November and full operational capability by [REDACTED]

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

9. Site 1 (22-57-00N 82-39-25W)

Last coverage: Low-level [REDACTED]

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability on [REDACTED] and full operational capability by [REDACTED] providing construction activity continues.

b. Supporting Evidence

The four concrete pads and control building are in a late stage of construction.

c. Significant Trends Since Last Report

Preliminary analysis of new photography indicates that further construction progress has been made at the site, although no personnel could be observed in the area at the time of photography.

TOP SECRET [REDACTED]

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1
25X1
25X1

SITE 1, GUANAJAY AREA

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

9. Site 1 (22-57-00N 82-39-25W)

Last coverage: Low-level [REDACTED]

25X1
25X1

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability on [REDACTED] and full operational capability by [REDACTED] providing construction activity continues as currently observed.

25X1

b. Supporting Evidence

Construction is continuing at this site. Concrete slabs are stacked near the probable location of a ready building and a mobile crane is nearby. Foundations have started for a second ready building. Two of the eight propellant storage tanks have been placed in an excavation at one of the pads.

c. Significant Trends

Preparation of the site is continuing.

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 1 (22-57-00N 82-39-25W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability on [REDACTED] and full operational capability by [REDACTED]

25X1
25X1

TOP SECRET [REDACTED]

25X1
25X1

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK [REDACTED]

25X1

SITE 1, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962 (cont'd))

b. Supporting Evidence

Construction is continuing at this site and vehicle activity was noted throughout the area. Approximately 12 trucks were being used to provide fill for a ready-building foundation. Conduit has been placed at three of the launch pads and preparations for conduit at the fourth pad was in progress. Earth is being mounded against the blast shield at one launch position.

At least 44 missile-support vehicles now have been identified some 500 yards south of the open storage area. None were in the immediate area on [REDACTED] and only 6 could be seen on the [REDACTED] photography. Some appear similar to that seen at MRBM sites, including 2 fuel trailers, 2 oxidizer trailers, 2 tracked prime movers, and 7 van-type trucks. These vehicles are located in the edge of a wooded area and other equipment may be hidden from view.

25X1

c. Significant Trends

Preparation of the site is continuing and missile-support equipment now has arrived at an assembly area south of the site. As yet, there is no missile-support equipment located in the immediate vicinity of the launch area.

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 1 (22-57-00N 82-39-25W)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability on [REDACTED] and full operational capability by [REDACTED]

25X1

25X1

-45-

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

SITE 1, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962 (cont'd))

b. Supporting Evidence

Construction is still continuing at this site. Considerable vehicle activity was noted in the visible areas. Photographic coverage included only two of the launch pads. Trucks were continuing to haul fill to one of these pads, and a foundation for a missile-ready building was being prepared.

The vehicle area, first discussed in Supplement 8, shows increased activity. (See Figure 7.) The number of vehicles increased from at least 44 on [REDACTED] Two additional possible fuel 25X1

trailers have been moved into the area, for a total of four possible fuel trailers and two oxidizer trailers. The possible fuel trailers are definitely larger than those seen at MRBM sites. Two tents have been erected in the vehicle park area and foundations are being prepared for several more. There is no indication of camouflage.

c. Significant Trends

Preparation of this IRBM site is continuing. Additional missile support equipment has been moved into the area since yesterday's report.

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 Photo readout was not available during this reporting period.

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

7. Site 1 (22-57-00N 82-39-25W)

Last coverage: Low-level [REDACTED]

25X1

25X1

This site was not covered by photography on [REDACTED] It is 25X1
estimated that this IRBM site could have an emergency operational capability on 15 November and full operational capability by 1 December.

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1
25X1
25X1

SITE 2, GUANAJAY AREA

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

12. Site 2 This site is in an earlier stage of construction than Site 1. The launch pad area, cabling and the control bunker are under construction. No construction activity for propellant tanks, missile-ready buildings and warhead storage buildings has been noted. No missile equipment is at the site. We estimate an emergency operational capability by 1 December and full operational readiness by 15 December.

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

12. Site 2 (22-57-25N 82-36-55W)

Last coverage: [REDACTED]

25X1

This site is in an earlier stage of construction than Site 1. The launch pad area, cabling and the control bunkers are under construction. No construction activity for propellant tanks, missile-ready buildings or warhead storage buildings have been noted. No missile equipment is at the site. We estimate an emergency operational capability by 1 December and full operational readiness by 15 December.

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: [REDACTED]

25X1

This site is in an earlier stage of construction than Site 1. Excavation is continuing at the locations of the four launch pad areas. The roof of the

TOP SECRET [REDACTED]

25X1
25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1
25X1
25X1SITE 2, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962 (cont'd))

rectangular building to the west of the pads is partially in place. Cabling and control bunkers are still under construction. Excavation for propellant tanks has not started. Also, there is no evidence yet of construction of missile-ready buildings or warhead storage facilities. No missiles, transporters, or erectors are at the site. We estimate an emergency operational capability by 1 December and full operational capability by 15 December. Preliminary examination of [REDACTED] confirms the above analysis, and will permit a detailed assessment of construction activity.

25X1

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: Low-level [REDACTED]

25X1

Low-level photography reveals considerable construction activity at this site, which is in an earlier stage than is Site 1. Bulldozers are observed in the process of excavating and grading the launch pad positions. Stockpiles of pre-formed concrete slabs are in the pad areas. Trucks can be seen moving about the area and large, truck-mounted cranes are apparently used in loading and offloading material. The control buildings between each pair of pads are under construction. Masonry sidings have been partially erected. The rectangular building west of the launch pad areas is still under construction. The side frames have been erected and the roof is partially assembled. A concrete batch plant can be seen near this site. No missiles, transporters, or erectors are observable in the site area. We estimate an emergency operational capability by 1 December and full operational capability by 15 December.

-48-

TOP SECRET [REDACTED]

25X1
25X1

TOP SECRET

IRONBARK

25X1

25X1

SITE 2, GUANAJAY AREA
(CONF'D)

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: Low-level

25X1

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability by 1 December and full operational capability by 15 December providing construction activity continues as previously observed.

b. Supporting Evidence

There is construction activity at the launch control building at the west pair of pads and at all four pad areas.

c. Significant Trends Since Last Report

Preparation of this launch site continues.

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: Low-level

25X1

25X1

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability by 1 December and full operational capability by 15 December providing construction activity continues as currently observed.

b. Supporting Evidence

Construction continues at this site. The roof of the rectangular building near the pads is nearly complete. The concrete blocks in one wall of one of the control buildings are in place. The square concrete conduit segments have been put in one of the trenches. Two of the other trenches

TOP SECRET

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

IRONBARK

SITE 2, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962 (cont'd))

have these segments along side. Segments are brought to the site one at a time on trucks. There are 3 mobile cranes operating on site.

c. Significant Trends

Preparation of this launch site continues. Photography shows continuing activity and the presence of personnel at this site.

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: Low-level [REDACTED]

25X1

a. Readiness Status

It is estimated that this IRBM site will have an emergency operational capability by 1 December and full operational capability by 15 December, providing construction activity continues as currently observed.

b. Supporting Evidence

The large rectangular building near the pads is nearly complete. Construction vehicles are active throughout the area.

c. Significant Trends

Photography shows continuing activity and the presence of personnel at this site.

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: Low-level [REDACTED]

25X1

25X1

-50-

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1

25X1

25X1

SITE 2, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 9 2200 Hours, 28 Oct. 1962 (cont'd))

a. Readiness Status

It is estimated that this site will have an emergency operational capability by 1 December and full operational capability by 15 December, providing construction activity continues as currently observed.

b. Supporting Evidence

Construction activity is continuing. Concrete conduits have been placed in the trenches which were being prepared on [REDACTED] Pre-fabricated concrete blast shields have been added. The launch pads have not been completed but forms and other construction material at the launch pad positions indicates that concrete work was about to begin. Construction type vehicles were active throughout the site.

25X1

c. Significant Trends

Photography shows continuing activity and the presence of personnel. A significant amount of construction was completed in the one-day period [REDACTED] showing that the project was proceeding at a high rate.

25X1

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Photo readout was not available during this reporting period.

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962)

Site 2 (22-57-25N 82-36-55W)

Last coverage: Low-level [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET

IRONBARK

25X1

25X1

25X1

SITE 2, GUANAJAY AREA
(CONT'D)

(Extract from Supp. 11, 2200 Hours, 30 Oct. 1962 (cont'd))

a. Readiness Status

It is estimated that this site will have an emergency operational capability by 1 December and a full operational capability by 15 December.

b. Supporting Evidence

No change.

c. Significant Trends

Only one of the missile control buildings and the rectangular building are observable. No other items at the site are visible due to the extreme obliquity of the photography. The observable buildings are still intact.

TOP SECRET

25X1

25X1

TOP SECRET

IRONBARK

SITE 1, REMEDIOS AREA

(Extract from Supp. 2, 2200 Hours, 21 Oct. 1962)

Site 1 (Figure 10) This site identified in photography of [] is in an early stage of construction. The initial excavations in the launch pad area have been completed and clearing for cabling and the control bunker has been completed. Footings for the other control bunker have been completed. A concrete batch plant has been established at the site.

[] No missile equipment has been identified in the area. This site appears to be in the same general stage of construction as Guanajay Site 2. We estimate an emergency operational capability by 1 December and full operational readiness by 15 December.

(Extract from Supp. 3, 2200 Hours, 22 Oct. 1962)

Site 1 (27-25-00N 79-35-00W)

Last coverage: []

Photographic evidence indicates continued construction activity at this site, first identified in photography of [] It is in an early stage of construction. The initial excavations in the launch pad area have been completed and clearing for cabling and one control bunker has been completed. Footings for the other control bunker have been completed. A concrete batch plant has been established at the site.

[] No missile equipment has been identified in the area. This site appears to be in the same general stage of construction as Guanajay Site 2. We estimate an emergency operational capability by 1 December and full operational readiness by 15 December.

Although a second site of four launch pads has not been detected, such a site is probably scheduled or is in a very early phase of construction.

TOP SECRET

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1

25X1

25X1

SITE 1, REMEDIOS AREA
(CONT'D)

(Extract from Supp. 4, 0100 Hours, 24 Oct. 1962)

Site 1 (27-25-00N 79-35-00W)

Last coverage: [REDACTED]

25X1

Construction at this site is continuing at a rapid pace. One control bunker is still under construction and the base for the other is in place. The side framing for a rectangular building has been erected to the northwest of the pad areas, and the arched-roof building, [REDACTED]

25X1

25X1

[REDACTED] appears complete and earth covering has started. The entire site is double fenced. All equipment identified can be associated with the construction activity and no missiles, transporters or erectors are present at this time. This site appears to be in the same general stage of construction as Guanajay IRBM Site 2. We estimate an emergency operational capability by 1 December and full operational capability by 15 December.

Although a second site of four launch pads has not been detected in this area, such a site is probably planned.

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962)

Site 1 (22-25-00N 79-35-00W)

Last coverage: [REDACTED]

Not

covered by low-level photography.

25X1

At the time of the coverage on [REDACTED] construction at this site was continuing at a rapid pace. One control building was under construction and the base for the other was in place. The side framing for a rectangular building had been erected to the northwest of the pad areas. The arched-

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET

IRONBARK

25X1

25X1

25X1

SITE 1, REMEDIOS AREA
(CONT'D)

(Extract from Supp. 5, 2200 Hours, 24 Oct. 1962(cont'd))

plete; earth mounding had started. The entire site appeared to be double fenced. All identified equipment can be associated with the construction activity, and no missiles, transporters, or erectors were present. This site appeared to be in the same general stage of construction as Guanajay IRBM Site 2. This site should have an emergency operational capability by 1 December and full operational capability by 15 December.

Although a second site of four launch pads is probably planned for this area, it has not yet been detected.

A suggestion of an intent to conceal "equipment" and "fuel station" in a railroad tunnel in an area south of the Remedios IRBM site was revealed in a message passed from Las Villas to Placetas on 23 October at 1329Z. The text of this message was: "Today situate equipment in the railroad tunnel of Placetas. Also situate the fuel station in this place."

(Extract from Supp. 6, 0200 Hours, 26 Oct. 1962)

Site 1 (22-25-00N 79-35-00W)

Last coverage:

a. Readiness Status

This site should have an emergency operational capability by 1 December and full operational capability by 15 December.

b. Supporting Evidence

No new photography of this site is available.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

IRONBARK

SITE 1, REMEDIOS AREA
(CONT'D)

(Extract from Supp. 6, 2200 Hours, 24 Oct. 1962 (cont'd))

c. Significant Trends Since Last Report

Additional analysis of low-level photography of [] shows that an improved road with wide radius turns has been observed approximately 3 1/2 miles southeast of this site. The road terminates at the edge of a wooded area which may possibly be the planned location for a second site in the Remedios area. The large amount of prefabricated concrete forms and other construction material in open storage areas would be adequate to support an additional site.

(Extract from Supp. 7, 0200 Hours, 27 Oct. 1962)

Site 1 (22-25-00N 79-35-00W)

Last coverage: []

a. Readiness Status

This site should have an emergency operational capability by 1 December and full operational capability by 15 December.

b. Supporting Evidence

No new photography of this site is available.

c. Significant Trends

Additional analysis of low-level photography of [] shows an improved road with wide radius turns approximately 3 1/2 miles southeast of this site. The road terminates at the edge of a wooded area which may possibly be the planned location for a second site in the Remedios area. The large amount of prefabricated concrete forms and other construction material in open storage areas would be adequate to support an additional site.

TOP SECRET

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1

25X1

25X1

SITE 1, REMEDIOS AREA
(CONT'D)

(Extract from Supp. 8, 0200 Hours, 28 Oct. 1962)

Site 1 (22-25-00N 79-35-00W)

Last coverage: [REDACTED]

25X1

(No change since last report.)

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962)

Site 1 (22-25-00N 79-35-00W)

Last coverage: [REDACTED]

25X1

a. Readiness Status

This site could have an emergency operational capability by 1 December and a full operational capability by 15 December.

b. Supporting Evidence

Four launch pads are under construction and one launch control building is complete. Another launch control building is still under construction. At the time of the latest photography construction vehicles were moving about the area. [REDACTED]

25X1

25X1

c. Significant Trends

Since the previous coverage on [REDACTED] most of the concrete conduits have been laid in one trench. A crane was in position to complete this task at the time of photography. One missile control building which was under construction on [REDACTED] now appears complete. Construction of the second missile control building has progressed beyond the stage of

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET [REDACTED]

IRONBARK [REDACTED]

25X1

25X1

25X1

SITE 1, REMEDIOS AREA
(CONT'D)

(Extract from Supp. 9, 2200 Hours, 28 Oct. 1962 (cont'd))

excavation for the foundation noted in [REDACTED] photography. The vertical concrete framework and two roof beams are in place.

25X1

The suspect improved road previously observed some 3 1/2 miles southeast of Site 1 could not be identified on poor quality photography.

(Extract from Supp. 10, 0900 Hours, 30 Oct. 1962)

Supplement 10 is a very preliminary screening and contains little specific readout on this site.

(Extract from Supp. 11, 2200 Hours, 30 Oct 1962)

Last coverage: Low-level [REDACTED]

25X1

25X1

a. Readiness Status

This site could have an emergency operational capability by 1 December and a full operational capability by 15 December.

b. Supporting Evidence

Photography of [REDACTED] revealed that one launch control building was nearly complete and, the other had its vertical framework in place. Construction of the launch pads had progressed.

25X1

c. Significant Trends

The limited coverage and the poor quality of the photography on [REDACTED] preclude a determination of the continuation or suspension of construction. The launch pad areas are barely identifiable. Good quality, vertical photography of a limited part of the support area on [REDACTED] reveals a normal motor pool operation. Several vehicles are being repaired at the time of photography.

25X1

25X1

25X1

TOP SECRET [REDACTED]

25X1

25X1

TOP SECRET



25X1

TOP SECRET



25X1